

## DRAFT

### Waste Ban Reporting Focus Group September 2003

#### DRAFT Summary Reported Data Trends

##### Overall Failed Loads

###### **Ongoing Monitoring Summary Data**

- Several facilities had large increases, but no one facility was responsible for a disproportionate share.
- Failed loads from ongoing monitoring have consistently been dominated by cardboard, CRTs, white goods, and whole tires, which together comprised 86% of failed loads in 2002, 68% in 2001, and 74% in 2000.

Year	# Ongoing Monitoring Failed Loads
2002	14,957
2001	9,047
2000	5,239

###### **Comprehensive Inspections Summary Data**

- Initial results showed an 11% failure rate, but after removing one facility that reported 22,500 inspected loads (possibly all its received loads?) and 4,002 failed loads (was way out of line with other facilities and with that facility's past reporting), we have the following summary results:

Year	# Loads Inspected	# Failed	% Failed
2002	20,494	885	4%
2001	19,527	1,107	6%
2000	24,549	1,297	5%

##### Material Specific Trends (see summary chart at end of this document)

###### **Mixed**

- Mixed failed loads from **comprehensive inspections** jumped from 105 to 3,575 from 2001 to 2002.
- This jump was largely due to one outlier reporting 3,334 in 2002.
- But, even after removing this outlier, the remaining 241 mixed failed loads in 2002 is more than double the 2001 total.
- **Ongoing** mixed failed loads increased from 598 to 892 from 2001 to 2002, a 49% increase

###### **CRTs, White Goods, Tires**

- Initially, **comprehensive inspection** failed loads for these three materials each more than doubled from 2001 to 2002
- However, after removing one outlier which reported no failed loads in 2001 and high numbers in 2002, the failed loads are more stable and do not show a clear change:

	2002	2001	2000
<b>CRTs</b>	<b>161</b>	<b>163</b>	<b>144</b>
<b>White Goods</b>	<b>162</b>	<b>112</b>	<b>133</b>
<b>Whole Tires</b>	<b>343</b>	<b>219</b>	<b>261</b>

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- As far as **ongoing monitoring**, there are some changes:
  - **CRT** failed loads have consistently increased from 540 in 2000, to 943 in 2001, to 1,597 in 2002. This trend appears to be spread across a number of facilities and not affected by outlying data from one facility or another.
  - **White goods** failed loads also have increased substantially from 1,356 in 2000, to 2,657 in 2001, to 5,725 in 2002. These increases appear to be largely driven by failed loads from the City of Boston reported by one facility, which reported 5 in 2000, 419 in 2001, and 2,962 in 2002. However, there was a net increase in white good failed loads from other facilities as well.
  - **Tire** failed loads tripled from 2000 to 2001, from 1,333 to 4,887, but dropped back down to 4,001 in 2002. From 2000 to 2001, 2,600 of the total increase of 3,554 was due to two facilities, though a number of others showed smaller increases.

### Cardboard

- **Comprehensive inspection** failed loads have decreased steadily:

Year	# Comp. Insp. Failed Loads for Cardboard
2002	144
2001	286
2000	440

- From 2000 to 2001, this change appears due to one facility that reported 194 failed loads in 2000, but none in 2001
- From 2001 to 2002, the decrease was spread across more facilities
- But, cardboard failed loads from **ongoing monitoring** show the opposite trend:

Year	# Ongoing Failed Loads for Cardboard
2002	2,397
2001	1,402
2000	882

- From 2001 to 2002, 640 of the increase was due to one facility, but there was still a significant increase among other facilities.

### Other Materials

- No other clear-cut trends; also the remaining materials account for a relatively low proportion of failed loads.

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	2002 Comp Insp Failed	% of Total	Change from 2001	2002 Ongoing Mon. Failed	% of Total	Change from 2001	2001 Comp Insp Failed	% of Total	2001 Ongoing Mon. Failed	% of Total	2000 Comp Insp Failed	% of Total	2000 Ongoing Mon. Failed	% of Total
Bottles and Cans	47	1%	-45%	126	1%	-22%	86	8%	162	1%	70	5%	40	1%
Corrugated Cardboard	144	3%	-50%	2,397	15%	71%	286	25%	1402	11%	440	33%	882	17%
CRTs	368	7%	126%	1,597	10%	69%	163	14%	943	8%	144	11%	540	10%
Lead Acid Batteries	9	0%	-84%	129	1%	2%	55	5%	127	1%	17	1%	129	2%
Mixed	3,575	69%	3338%	892	6%	49%	104	9%	598	5%	152	11%	444	8%
Recyclable Paper	20	0%	-70%	159	1%	-78%	67	6%	729	6%	62	5%	390	7%
White Goods	343	7%	206%	5,725	36%	115%	112	10%	2657	21%	133	10%	1356	26%
Whole Tires	623	12%	184%	4,001	25%	-18%	219	19%	4887	39%	261	20%	1333	25%
Yard Waste	35	1%	-8%	739	5%	-30%	38	3%	1056	8%	55	4%	197	4%
<b>TOTALS</b>	<b>5,164</b>		357%	<b>15,765</b>		26%	<b>1,130</b>		<b>12,561</b>		<b>1,334</b>		<b>5,311</b>	